

FORM PTO-1449  
(REV. 7-90)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.  
BA-22772

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YEAN-KUEN FANG, Et Al

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JP28 U.S. PTO  
10/085256  
10/22/01

U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE    | NAME             | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|---------------------|----|-----------------|---------|------------------|-------|----------|-------------------------------|
| NY                  | AA | 6 0 4 0 9 0 0   | 3/21/00 | Chen             | 356   | 35.5     |                               |
|                     | AB | 4 4 4 2 7 1 7   | 4/17/84 | Kurtz et al      | 73    | 766      |                               |
|                     | AC | 6 0 4 4 7 0 5   | 4/04/00 | Neukermans et al | 73    | 504.02   |                               |
|                     | AD |                 |         |                  |       |          |                               |
|                     | AE |                 |         |                  |       |          |                               |
|                     | AF |                 |         |                  |       |          |                               |
|                     | AG |                 |         |                  |       |          |                               |
|                     | AH |                 |         |                  |       |          |                               |
|                     | AI |                 |         |                  |       |          |                               |
|                     | AJ |                 |         |                  |       |          |                               |
|                     | AK |                 |         |                  |       |          |                               |

FOREIGN PATENT DOCUMENTS

|  |    | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION<br>YES NO |
|--|----|-----------------|------|---------|-------|----------|-----------------------|
|  | AL |                 |      |         |       |          |                       |
|  | AM |                 |      |         |       |          |                       |
|  | AN |                 |      |         |       |          |                       |
|  | AO |                 |      |         |       |          |                       |
|  | AP |                 |      |         |       |          |                       |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

|    |    |   |   |
|----|----|---|---|
| NY | AR | ✓ | M. Zhang, et al, "Frictional Action at Lower Limb/Prosthetic Socket Interface", Med. Eng. Phy. Vol. 18, No. 3, pp 207-214, 1996   |
| NY | AS | ✓ | M. Zhang, Arthur F.T. Mak, "A Finite Element Analysis of the Load, etc.", IEEE Transactions on Rehab. Eng., Vol. 4, No. 4, pp 337-346, 1996   |
| NY | AT | ✓ | Jyh-Jier Ho, et al, "Development of a Micro-Electro-Mechanical System Pressure Sensor for Rehabilitation Engineering Applications", International J. of Electronics, Vol. 87. No. 6, pp 757-767. (2000) |

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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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|                     | AA |                 |      |      |       |          |                               |
|                     | AB |                 |      |      |       |          |                               |
|                     | AC |                 |      |      |       |          |                               |
|                     | AD |                 |      |      |       |          |                               |
|                     | AE |                 |      |      |       |          |                               |
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|                     | AG |                 |      |      |       |          |                               |
|                     | AH |                 |      |      |       |          |                               |
|                     | AI |                 |      |      |       |          |                               |
|                     | AJ |                 |      |      |       |          |                               |
|                     | AK |                 |      |      |       |          |                               |

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|  |    | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
|--|----|-----------------|------|---------|-------|----------|-------------|----|
|  |    |                 |      |         |       |          | YES         | NO |
|  | AL |                 |      |         |       |          |             |    |
|  | AM |                 |      |         |       |          |             |    |
|  | AN |                 |      |         |       |          |             |    |
|  | AO |                 |      |         |       |          |             |    |
|  | AP |                 |      |         |       |          |             |    |

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

|    |    |  |
|----|----|--|
| MU | AU | Chang Liu, et al, "A Micromachined Flow Shear-Stress Sensor Based on Thermal Transfer Principles", J. of MEMS, Vol.8, No. 1, pp90-99, 1999 |
| NV | AV | Tao Pan, et al, "Microfabricated Shear Stress Sensors, Part 1: Design and Fabrication", AIAA J., Vol.37, No. 1, pp66-72, 1999              |
| AW | AW | Javad Shajii, et al, "A Micromachined Floating-Element Shear Stress Sensor Using Wafer-Bonding Technology", J. of MEMS, Vol.1, No.2, pp89- |

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8/27/94, 1992

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PTO-1449  
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| AA         |                 |      |      |       |          |                               |
| AB         |                 |      |      |       |          |                               |
| AC         |                 |      |      |       |          |                               |
| AD         |                 |      |      |       |          |                               |
| AE         |                 |      |      |       |          |                               |
| AF         |                 |      |      |       |          |                               |
| AG         |                 |      |      |       |          |                               |
| AH         |                 |      |      |       |          |                               |
| AI         |                 |      |      |       |          |                               |
| AJ         |                 |      |      |       |          |                               |
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|                          |    |                 |      |         |       |          | YES         | NO |  |
|                          | AL |                 |      |         |       |          |             |    |  |
|                          | AM |                 |      |         |       |          |             |    |  |
|                          | AN |                 |      |         |       |          |             |    |  |
|                          | AO |                 |      |         |       |          |             |    |  |
|                          | AP |                 |      |         |       |          |             |    |  |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

|    |    |  |
|----|----|--|
| MW | AX | A. Padmanabhan, et. al. "Micromachined sensors for static and dynamic shear-stress measurement in aerodynamic flows," Transducers' 97, pp. 137-140. 1997 |
| MV | AS |  |
|    | AT |  |

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